

Configuration Signature Check

- 2018-02-21 - Industrial HiVision

As of v6.0 IHV is able to monitor the configuration signature of a device (Platform4, Platform5, EAGLE)

Therefor the signature is stored in a property.

The standard polling/status configuration can be used for comparing the configuration signature to the reference signature.

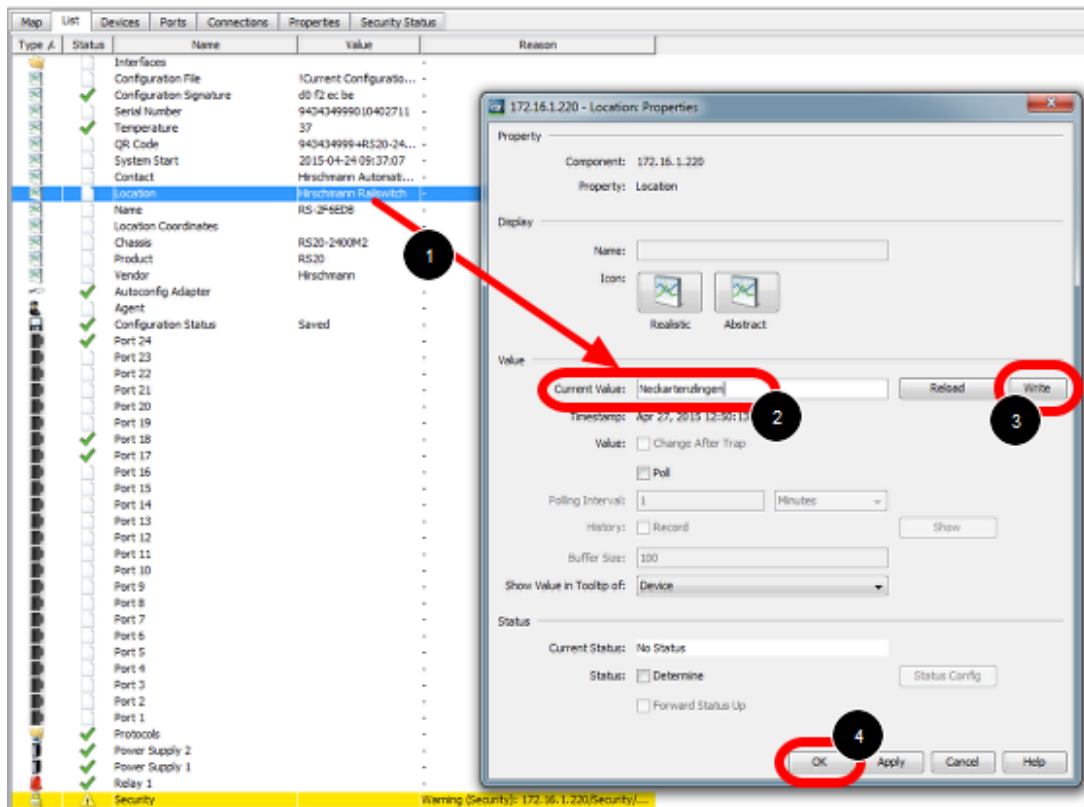
This lesson describes how to set a reference value of the configuration signature and how differences are displayed.

Configuration Signature Properties



1. double click on the property **Configuration Signature**
2. press reload to download the current configuration signature from the device
3. tick check box **Determine Status**
4. open the status configuration
5. set the current value as reference value

Change the configuration



Change the device configuration e.g. the device location:

1. double click the property location
2. change the current value
3. press write
4. close the dialog with ok

MultiConfig



1. right click the device on which you just changed the location property
2. select MultiConfig from the context menu

Save the configuration



Save the configuration by pressing Write in the Load/Save dialog

Configuration Signature - Status Impairment

The screenshot displays the Winbox Industrial HMI interface. The main window shows a file explorer with icons for 'Check', 'Data Number', 'Configuration Signature', 'Location', 'Name', 'System Start', 'History', 'New 1', 'Power Supply 1', and 'Power Supply 2'. A red box highlights the 'Configuration Signature' icon. Two dialog boxes are open:

- 172.16.1.220 - Configuration Signature Properties:** Shows 'Current Value' as '03 00 00 00'. A red box highlights this value, with an arrow pointing to the 'Reference Value' field in the next dialog.
- 172.16.1.220 - Configuration Signature Status Config:** Shows 'Reference Value' as '03 00 00 00' and 'Other Value' as 'Warning'. A red box highlights the 'Reference Value' field.

At the bottom, the 'Unacknowledged Events' table is visible:

ID	ACK	Type	Category	Time	User	Source	Component	Message
165		Warning	Status Error	2015-04-27 12:09:36	172.16.1.220	172.16.1.220	Configuration Signature	Status Implementation: Warning: Configuration Signature not OK
164		Warning	Status Error	2015-04-27 12:09:36	172.16.1.220	172.16.1.220	Configuration Signature	Status Implementation: Warning: Configuration Signature not OK
163		Warning	Status Error	2015-04-27 12:09:36	172.16.1.220	172.16.1.220	Configuration Signature	Status Implementation: Warning: Configuration Signature not OK